

Kalamazoo County 4-H

Life Sciences Project Guidelines

Project Leader or Superintendents: N/A

Project Social Media: N/A

Project Objectives & Life Skills*

- Youth will learn the importance of using scientific methods and observation skills.
- Youth will be able to be a part of and explain participatory science.
- Head
 - Keeping records
 - Planning/organizing
 - Critical thinking
 - Learning to learn
- Heart
 - Communication
 - Social skills
 - Concern for others
 - Sharing
- Hands
 - Responsible citizenship
 - Contributions to group effort
 - Marketable skills
 - Self-motivation
- Health
 - Character
 - Self-discipline
 - Personal safety
 - Self-responsibility

**note these life skills are just some examples of what 4-H members will learn in this project*

Additional Resources:

[What is Archaeology.](#)

[Archaeology Magazine](#)

[Archeology for Kids](#)

[What is Astronomy? | AMNH.](#)

[Astronomy Magazine](#)

[Astronomy Picture of the Day](#)

[Biology archive | Science | Khan Academy](#)

[What Is Biology? | Live Science](#)

[Paleontology](#)

[Paleontology for Kids: OLogy | AMNH](#)

[Paleontology | American Museum of Natural History](#)

[Physics Magazine](#)

[The Physics Classroom](#)

[Physics archive | Science | Khan Academy](#)

[Chemistry archive | Science | Khan Academy](#)

[Crash Course Chemistry](#)

[Online Science Videos Generation Genius](#)

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Life Sciences

Guidelines:

- Final projects in these areas should share your knowledge and what you learned about your chosen topic.
- Project can be a poster, video, notebook, 3-D exhibit or other display that shares your findings with others. Notebooks must be in a 3-ring binder or presentation folder. Loose papers will not be accepted.

Section M–Archaeology

- Any topic in relation to the study of remains of past human life and cultures.
- Resources must be cited at the end of your project.

Section N–Astronomy

- Any topic in relation to the study of astronomy. for example: star charts, astrological observations, the making of a telescope etc.
- Resources must be cited at the end of your project.

Section O–Biology

- Any topic in relation to the study of life processes and living organisms.
- Resources must be cited at the end of your project.

Section P–Paleontology

- Any topic in relation to the study of fossils, dinosaurs, etc.
- Resources must be cited at the end of your project.

Section Q–Physics and Chemistry

- Any topic in relation to the study of matter and energy OR the study of the composition structure, etc. of matter.
- Resources must be cited at the end of your project.